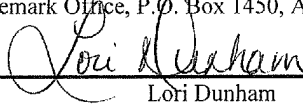


**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Ivan N. Rich Attorney Docket No.: 6115-007  
Serial No.: 10/059,521 Examiner: Gailene Gabel  
Filing Date: January 29, 2002 Group Art Unit: 1641  
Customer No.: 29,335 Confirmation No.: 5794  
Title: High-Throughput Stem Cell Assay of Hematopoietic Stem  
and Progenitor Cell Proliferation

**Certificate of Electronic Filing**

I certify that this document (along with any documents referenced as being included  
herewith) is being filed electronically on this the 29<sup>th</sup> day of August 2007  
addressed to: Mail Stop Amendment: Commissioner for Patents, United States  
Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Lori Dunham

Mail Stop - Amendment  
Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO NON-FINAL OFFICE ACTION**

Dear Sir:

Applicants submit this Amendment and Response in response to the Non-Final  
Office Action mailed on 29 March 2007. Also submitted herewith is a Request for  
Extension of Time for two (2) months under 37 C.F.R. § 1.136(a)(1) and the appropriate  
fee set forth in 37 C.F.R. § 1.17(a).

**Claim Listing** begins on page 2.

**Remarks** begin on page 9.